AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-2. (canceled):

3. (currently amended): ~~The quality control system as claimed in claim 1~~A quality control system for an irradiation apparatus comprising:

a radiation image reading means which reads out a radiation image from a stimulable phosphor panel which has been disposed in a predetermined position to receive irradiation of position check radiation from an irradiation means and irradiation of uniform radiation from the irradiation means to an area larger than the area exposed to the position check radiation and to receive irradiation of position check light, the position check light being visible, from a position check light irradiation means after receiving the irradiation of the uniform radiation and to form a radiation image, and

a relative position obtaining means which obtains the relation between the irradiating position of the position check radiation and the irradiating position of the position check light on the basis of the radiation image read by the radiation image reading means,

wherein the radiation image includes a first image of the position check radiation and a second image of the position check light, and

the relative position obtaining means obtains the relation between the irradiating position of the position check radiation and the irradiating position of the position check light on the basis of the first image and the second image read by the radiation image reading means.

4. (currently amended): ~~The quality control system as claimed in claim 1~~A quality control system for an irradiation apparatus comprising:

a radiation image reading means which reads out a radiation image from a stimulable phosphor panel which has been disposed in a predetermined position to receive irradiation of position check radiation from an irradiation means and irradiation of uniform radiation from the irradiation means to an area larger than the area exposed to the position check radiation and to receive irradiation of position check light, the position check light being visible, from a position check light irradiation means after receiving the irradiation of the uniform radiation and to form a radiation image, and

a relative position obtaining means which obtains the relation between the irradiating position of the position check radiation and the irradiating position of the position check light on the basis of the radiation image read by the radiation image reading means,

wherein the radiation image includes a first image of the position check radiation and a second image of the position check light,

the radiation image reading means reads the first image and the second image from the stimulable phosphor panel, and

the relative position obtaining means compares a position of the first image and a position of the second image to determine the relation between the irradiating position of the position check radiation and the irradiating position of the position check light.

5. (currently amended): ~~The quality control system as claimed in claim 2~~A quality control system for an irradiation apparatus comprising:

a radiation image reading means which reads out a radiation image from a stimulable phosphor panel which has been disposed in a predetermined position to receive irradiation of position check light, the position check light being visible, having an irradiating position marker from a position check light irradiation means after receiving an irradiation of position check radiation from an irradiation means and to form a radiation image, and

a relative position obtaining means which obtains the relation between the irradiating position of the position check radiation and the irradiating portion of the position check light on the basis of the radiation image read by the radiation image reading means,

wherein the radiation image includes a first image of the position check radiation and a second image of the position check light, and

the relative position obtaining means obtains the relation between the irradiating position of the position check radiation and the irradiating position of the position check light on the basis of the first image and the second image read by the radiation image reading means.

6. (currently amended): ~~The quality control system as claimed in claim 2~~A quality control system for an irradiation apparatus comprising:

a radiation image reading means which reads out a radiation image from a stimulable phosphor panel which has been disposed in a predetermined position to receive irradiation of

position check light, the position check light being visible, having an irradiating position marker from a position check light irradiation means after receiving an irradiation of position check radiation from an irradiation means and to form a radiation image, and

a relative position obtaining means which obtains the relation between the irradiating position of the position check radiation and the irradiating portion of the position check light on the basis of the radiation image read by the radiation image reading means,

wherein the radiation image includes a first image of the position check radiation and a second image of the position check light,

the radiation image reading means reads the first image and the second image from the stimulable phosphor panel, and

the relative position obtaining means compares a position of the first image and a position of the second image to determine the relation between the irradiating position of the position check radiation and the irradiating position of the position check light.

7. (previously presented): A quality control method for reading a stimulable phosphor panel irradiated with position check radiation and visible position check light, the method comprising:

reading a first image of the position check radiation and a second image of the position check light from the stimulable phosphor panel;

comparing a position of the first image and a position of the second image to determine a relation between an irradiating position of the position check radiation and an irradiating position of the position check light.

8. (previously presented): The method of claim 7, wherein the comparing the position of the first image and the position of the second image comprises comparing a center of the first image and a center of the second image.